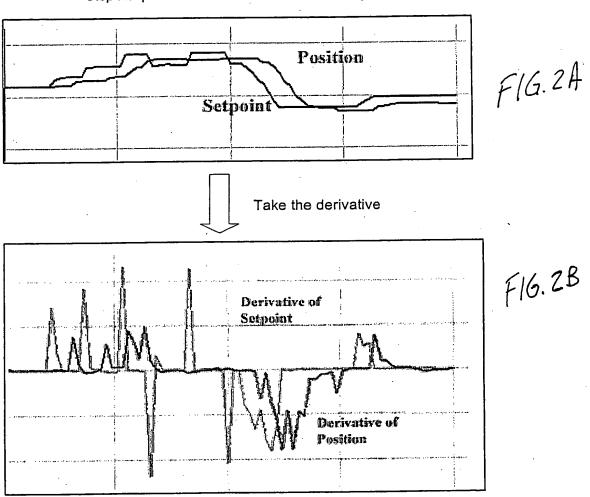


FIG. 1

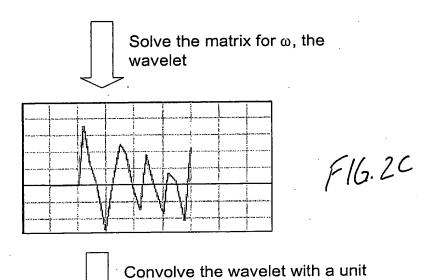
METHOD, SYSTEM AND STORAGE MEDIUM FOR PERFORMING
ONLINE VALVE DIAGNOSTICS
LARRY SCHOONOVER
Attorney Docket No. ETS-0001
Cantor Colburn LLP, 55 Griffin Road South, Bloomfield, CT 06002

Step Response Estimation - Wavelet Technique



# METHOD, SYSTEM AND STORAGE MEDIUM FOR PERFORMING ONLINE VALVE DIAGNOSTICS LARRY SCHOONOVER

Attorney Docket No. ETS-0001
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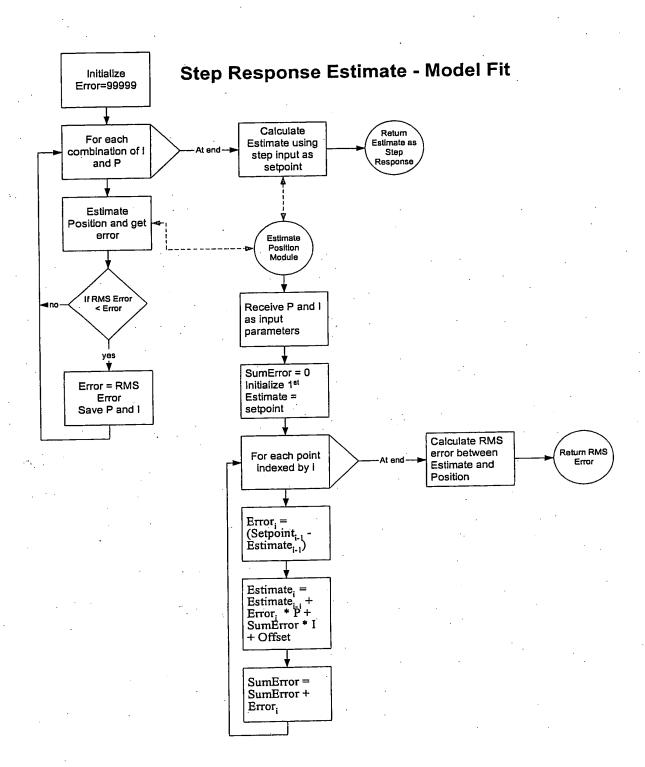


impulse (same as integrating)



F16. 2D

Step Response Estimate

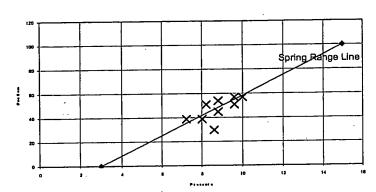


F16.3

## METHOD, SYSTEM AND STORAGE MEDIUM FOR PERFORMING ONLINE VALVE DIAGNOSTICS LARRY SCHOONOVER

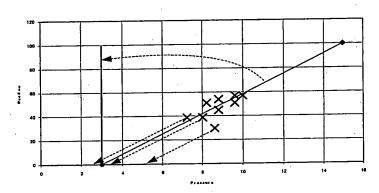
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#### Pressure vs Position

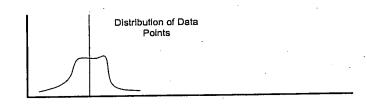


F16. 4A

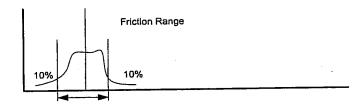
#### Pressure vs Position



F16. 4B



F16.4.C

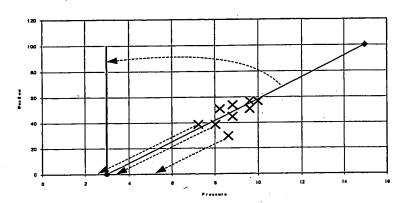


F16.4D

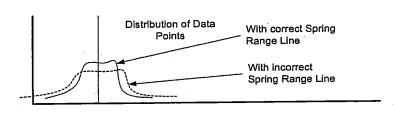
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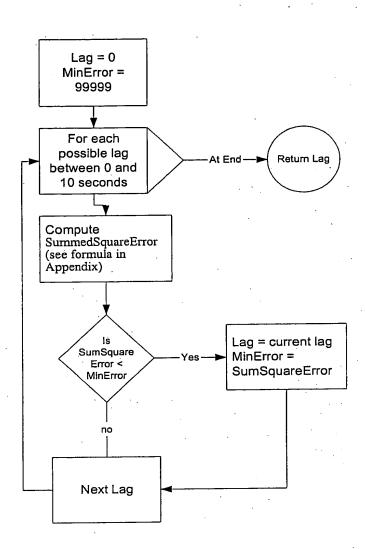
### Pressure vs Position



F1G. 5A



F16.5B



F16.6